

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
16	37	((((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with ((modif\$7 or chang\$4 or updat\$4 or access\$4) adj time)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 14:44
-	5	((limit\$2 or safe or restrict\$2 or mock) adj (environment or resource)) same ((untrust\$2 or malignant or malicious) adj (program or application))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 09:49
-	784	718/104.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 09:49
-	1	718/104.ccls. and ((untrust\$2 or malignant or malicious) adj (program or application))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 09:50
-	6	718/104.ccls. and (((untrust\$2 or malignant or malicious) adj (program or application)) or virus\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 09:52
-	57	718/\$.ccls. and (((untrust\$2 or malignant or malicious) adj (program or application)) or virus\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 09:53
-	80	718/\$.ccls. and (((untrust\$2 or malignant or malicious) adj (program or application)) or virus\$2 or intrusion)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 09:53
-	1672	718/\$.ccls. and (((limit\$2 or safe or restrict\$2 or mock) adj (environment or resource)) or virtual or shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 10:10
-	53	(718/\$.ccls. and (((limit\$2 or safe or restrict\$2 or mock) adj (environment or resource)) or virtual or shell)) and (((untrust\$2 or malignant or malicious) adj (program or application)) or virus\$2 or intrusion)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 09:56
-	9	((718/\$.ccls. and (((limit\$2 or safe or restrict\$2 or mock) adj (environment or resource)) or virtual or shell)) and (((untrust\$2 or malignant or malicious) adj (program or application)) or virus\$2 or intrusion)) and @py<2001	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 09:56

-	552342	(((limit\$2 or safe or restrict\$2 or mock) adj (access or environment or resource)) or virtual or shell) same (((untrust\$2 or malignant or malicious or guest) adj (program or application)) or virtual or shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 10:13
-	9	(((limit\$2 or safe or restrict\$2 or mock) adj (access or environment or resource)) same ((untrust\$2 or malignant or malicious or guest) adj (program or application))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 10:16
-	38	(((limit\$2 or safe or restrict\$2 or mock) adj (access or environment or resource)) or shell or (virtual adj machine)) same ((untrust\$2 or malignant or malicious or guest) adj (program or application))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 10:49
-	966	(((limit\$2 or safe or restrict\$2 or mock) adj (access or environment or resource)) or shell or (virtual adj machine)) same (((untrust\$2 or malignant or malicious or guest or errant or malign) adj (program or application)) or virus\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 10:42
-	362	(((limit\$2 or safe or restrict\$2 or mock) adj (access or environment or resource)) or shell or (virtual adj machine)) same (((untrust\$2 or malignant or malicious or guest or errant or malign) adj (program or application)) or virus\$2)) and @py<2001	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 14:21
-	12	((((limit\$2 or safe or restrict\$2 or mock) adj (access or environment or resource)) or shell or (virtual adj machine)) same (((untrust\$2 or malignant or malicious or guest or errant or malign) adj (program or application)) or virus\$2)) and @py<2001) and 718/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 14:21
-	17	((((limit\$2 or safe or restrict\$2 or mock) adj (access or environment or resource)) or shell or (virtual adj machine)) same (((untrust\$2 or malignant or malicious or guest or errant or malign) adj (program or application)) or virus\$2)) and @py<2001) and 713/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 16:40
-	52	713/\$.ccls. and (unix with shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 16:41
-	6	713/\$.ccls. and (unix with shell) and (((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 16:48

-	36	(unix with shell) and (((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 16:49
-	29	(unix near2 shell) and (((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:19
-	1	(unix near2 shell) same (((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/26 16:49
-	1	"5761477".PN.	USPAT	2004/07/26 16:52
-	1	"5761477".PN.	USPAT	2004/07/27 08:56
-	1	"5644709".PN.	USPAT	2004/07/27 09:11
-	1	"5590331".PN.	USPAT	2004/07/27 09:11
-	1	"5590329".PN.	USPAT	2004/07/27 09:12
-	1	"5644709".PN.	USPAT	2004/07/27 09:12
-	1	"5590331".PN.	USPAT	2004/07/27 09:13
-	1	"5590329".PN.	USPAT	2004/07/27 09:13
-	1	"5586323".PN.	USPAT	2004/07/27 09:13
-	1	"5551051".PN.	USPAT	2004/07/27 09:13
-	1	"5537551".PN.	USPAT	2004/07/27 09:13
-	1	"5386557".PN.	USPAT	2004/07/27 09:13
-	1	"5761477".PN.	USPAT	2004/07/27 09:14
-	2	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) near4 (modification adj time)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:20
-	1	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same (modifi\$6 adj time) same (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) same (warn\$2 or indicat\$4 or notif\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:29

-	12	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same (modifi\$6 adj time)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:27
-	61	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same ((modif\$7 or chang\$4 or updat\$4) adj time)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:28
-	2	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same ((modif\$7 or chang\$4 or updat\$4) adj time) same (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) same (warn\$2 or indicat\$4 or notif\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:29
-	4	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same ((modif\$7 or chang\$4 or updat\$4) adj time) same (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:31
-	5	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same ((modif\$7 or chang\$4 or updat\$4 or access\$4) adj time) same (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:33
-	65	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same ((modif\$7 or chang\$4 or updat\$4 or access\$4) adj time) and (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:43
-	24	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same ((modif\$7 or chang\$4 or updat\$4 or access\$4) adj time) and (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2)) and @py<2002	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:34
-	76755	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) and (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) and (warn\$2 or indicat\$4 or notif\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:43

-	1013	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) and (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) and (warn\$2 or indicat\$4 or notif\$7) and ((modif\$7 or chang\$4 or updat\$4 or access\$4) adj time)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 11:14
-	282	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) and (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) and (warn\$2 or indicat\$4 or notif\$7) and ((modif\$7 or chang\$4 or updat\$4 or access\$4) adj time)) and @py<2001	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:44
-	101	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) and (warn\$2 or indicat\$4 or notif\$7) and ((modif\$7 or chang\$4 or updat\$4 or access\$4) adj time)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:52
-	36	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) and (warn\$2 or indicat\$4 or notif\$7) and ((modif\$7 or chang\$4 or updat\$4 or access\$4) adj time)) and @py<2001	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:45
-	412	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) and (warn\$2 or indicat\$4 or notif\$7) and ((modif\$7 or chang\$4 or updat\$4 or access\$4) near2 time)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:53
-	51	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) and ((warn\$2 or indicat\$4 or notif\$7) near2 user) and ((modif\$7 or chang\$4 or updat\$4 or access\$4) near2 time)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 11:18

-	12	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with (delet\$2 or remov\$2 or overwrit\$2 or eras\$2 or revis\$2 or edit\$2) and ((warn\$2 or indicat\$4 or notif\$7) near2 user) and ((modif\$7 or chang\$4 or updat\$4 or access\$4) near2 time)) and @py<2002	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 09:54
-	0	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with (unix adj shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 10:50
-	0	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with (unix near3 shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 11:26
-	1	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same (unix near3 shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 10:51
-	482	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with (shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 10:53
-	205	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with (shell)) and @py<2002	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 10:53
-	155	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) near3 (shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 11:25
-	68	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) near3 (shell)) and @py<2002	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 10:53
-	53	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) near3 (shell)) and @py<2001	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 10:54
-	3	((((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) near3 (shell)) and @py<2001) and 713/\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 10:54

-	7	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) near3 (shell) and (unix or sun)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 11:24
-	1	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same (unix near3 shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 11:35
-	17	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same shell same (unix or korn or c? or tc or bourne)) and @py<2001	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 11:10
-	58	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same shell same (unix or korn or c? or tc or bourne)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 11:43
-	3	(((limit\$2 or safe or restrict\$2 or mock) adj (access or environment or resource)) or shell or (virtual adj machine)) same (((untrust\$2 or malignant or malicious or guest or errant or malign) adj (program or application)) or virus\$2)) and @py<2001 and ((modif\$7 or change) adj (resource or environment))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 14:44
-	13	(((limit\$2 or safe or restrict\$2 or mock) adj (access or environment or resource)) or shell or (virtual adj machine)) same (((untrust\$2 or malignant or malicious or guest or errant or malign) adj (program or application)) or virus\$2)) and @py<2001 and ((modif\$7 or change) near3 (resource or environment))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/27 14:45
-	58	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same (shell same (unix or korn or c? or tc or bourne)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 11:15
-	24	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) same (shell same (unix or korn or c? or tc or bourne)))) and @py<2002	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 11:16
-	150	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with ((modif\$7 or chang\$4 or updat\$4 or access\$4) near2 (parameter or flag or time))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 11:24

-	53	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with ((modif\$7 or chang\$4 or updat\$4 or access\$4) near2 (parameter or flag or time))) and @py<2002	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 11:21
-	152	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with ((modif\$7 or chang\$4 or updat\$4 or access\$4) near2 (parameter or flag or time or attribute)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 12:26
-	54	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or virus\$2) with ((modif\$7 or chang\$4 or updat\$4 or access\$4) near2 (parameter or flag or time or attribute))) and @py<2002	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 11:27
-	162	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or \$virus\$2) with ((modif\$7 or chang\$4 or updat\$4 or access\$4) near2 (parameter or flag or time or attribute)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 12:34
-	62	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or \$virus\$2) with ((modif\$7 or chang\$4 or updat\$4 or access\$4) near2 (parameter or flag or time or attribute))) and @py<2002	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 12:34
-	2153	713/?ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 12:34
-	3	(((untrusted or malignant or malicious or errant or malign or unsafe or distrusted or foreign) adj (program or application)) or \$virus\$2) with (((last or recent) with (modif\$7 or chang\$4 or updat\$4 or access\$4)) near2 (parameter or flag or time or attribute)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/28 13:53